

CLAIMS

WHAT IS CLAIMED IS:

SUB
A⁵

1. A motor housing assembly, comprising:
a motor housing;
a pair of magnets disposed within the motor housing in
a spaced relationship to form at least one space;
a brush holder having at least one tab that fits
within said at least one space in between the pair of
10 magnets.

2. The motor housing assembly of claim 1, wherein
the pair of magnets form two spaces and the brush holder
has two tabs to fit in the two spaces.

3. The motor housing assembly of claim 2, wherein
the two spaces are disposed opposite each other and the two
tabs on the brush holder are also disposed opposite each
other.

4. The motor housing assembly of claim 2, wherein
the pair of magnets are attached to an inner surface of the
motor housing.

5. A motor housing assembly, comprising:

a motor housing;

a pair of magnets attached to an inner surface of the
5 motor housing in a spaced relationship to form two spaces
that lie generally opposite each other;

an armature disposed in between the pair of magnets;

and

a brush holder having a plurality of brushes and two
10 tabs that fit within the two spaces formed by the pair of
magnets to align the plurality of brushes with the magnets.

6. The motor housing assembly of claim 5, wherein
the tabs fit within the two spaces in a sliding engagement.

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7. The motor housing of claim 5, wherein the pair of
magnets and the tabs surround the circumference of the
armature after the motor housing and the brush holder are
assembled together.

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